

# PennGrade® Conventional Antifreeze/Coolant



## Product Description

**PennGrade® Conventional Antifreeze/Coolant** is a premium ethylene glycol-based fluid specially formulated with industry-leading additives to provide optimum performance in all gasoline, light and heavy-duty diesel engines\*.

## Product Features and Benefits

Protects against corrosion of brass, copper, solder, steel, cast iron, and aluminum.

Provides freeze and boil-over protection.

Designed for use in passenger cars, light duty, and heavy-duty vehicles\*.

Ideal for conventional antifreeze applications.

Phosphate-free with low silicates.

High-quality defoamer system; Non-harmful to hoses, plastics, or gaskets.

Compatible with most major American brands of conventional antifreeze/coolants.

*\* Conventional formulation can be used with the addition of SCA (Supplemental Coolant Additives) in heavy duty vehicles. Consult your vehicle's owner's manual for recommendations.*

Antifreeze/Coolant is poisonous; Clean up any leaks or spills immediately. Store away from children and animals. Do not store in open or unlabeled containers. When disposing of antifreeze/coolant, follow local laws and regulations. If required, dispose at facilities licensed to accept household hazardous waste, if permitted, dispose of in sanitary sewer systems. Do NOT discard into storm sewers, septic systems or onto the ground.



## Meets or Exceeds These Performance Specifications:

ASTM D3306, ASTM D4985, John Deere JDM H24C, Navistar MPAPS B-1 Type I

## Works In/Suitable For:

Bombardier, BMW, Chrysler MS-7170, Case New Holland MAT 3620,  
Daimler DBL 7700.00, Daimler DBL 7700.10/.20, EMD MI 1748F,  
Ford ESE-M97B44-A, GM1825M, GM1899M, Wisconsin Motors

## Typical Properties

<b>PennGrade® Conventional</b>	<b>50/50</b>	<b>Concentrate</b>
Specific Gravity at 68° F	1.072	1.119
pH	10.6	10.8
RA, mL	3.0	6.0
Base Fluid	Virgin Ethylene Glycol	Virgin Ethylene Glycol
Product Color	Green	Green
Bitterant	Yes	Yes
Freeze Point of 50/50 solution by Volume	-34°F (-36°C)	-34°F (-36°C)
Boil Point of 50/50 solution by Volume	226°F (108°C)	226°F (108°C)

*Reserve alkalinity (RA) is a term used to indicate the amount of alkaline present in an antifreeze/coolant formulation. Advanced formulations contain new inhibitors which give added protection to certain metals but do not raise the RA number.*

## D-A Part Number:

	<b><u>50/50</u></b>	<b><u>Concentrate</u></b>
Bulk	88301	N/A
Tote – 275 Gal	88307	88317
Drum – 55 Gal	88302	88312
Case – 3/1 Gal	88304*	N/A

\*Not Currently Available

